

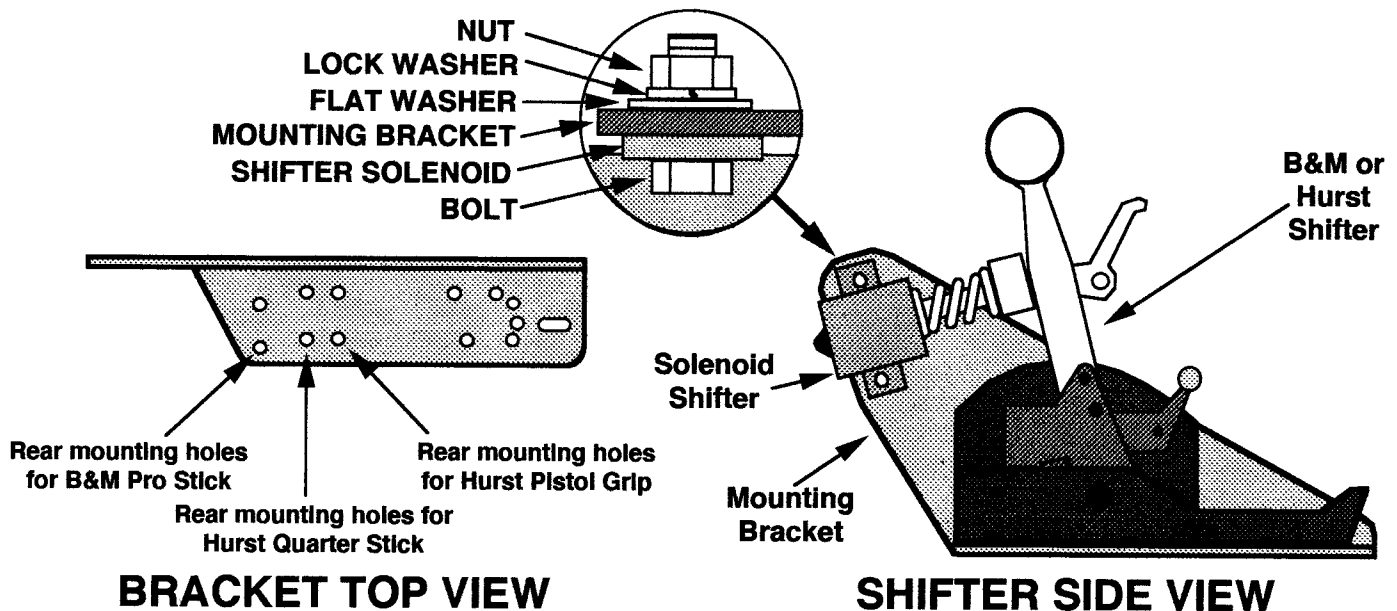
## INSTALLATION INSTRUCTIONS

The SS5 solenoid shifter is designed to shift 2-speed Powerglide transmissions using a B&M Pro Stick, Hurst Quarter Stick or a Hurst Pistol Grip shifter. The SS5 will **NOT** work with the Hurst Quarter Stick 2 or the Pistol Grip 2 with rear exit cable. The SS5 solenoid works by using a "hold" style electric solenoid to hold back a spring loaded plunger. The solenoid is constantly "on" and when the spring is compressed by pulling the shifter into low gear, the solenoid will lock it in place. At the preset RPM or time, the RPM switch or timer will momentarily cut power to the solenoid, releasing the spring loaded plunger which pushes the shifter from low to high gear.

## INSTALLATION

1. Unbolt current shifter from the floor or shifter mounting plate, it is not required to disconnect the shifter cable.
2. Using the drawing below, determine which set of holes to use in the SS5 mounting bracket.
3. Slip the mounting bracket under your shifter, lining up the correct holes, and bolt the shifter back down to the floor.
4. Install the solenoid assembly on to the mounting bracket with the included hardware as shown below.
5. Choose the appropriate wiring diagram from the reverse side and wire as shown.
6. Once wired, power up the system, and by hand push the plunger in to the solenoid until it locks in the "cocked" position.
7. Pull the shifter handle into low gear, adjust the solenoid using the slotted holes in the mounting bracket so it just barely touches the back of the shifter handle.
8. Remove power from the system to make the solenoid shift. Make sure the solenoid moves the shifter completely into high gear. Adjust the nut at the back of the solenoid to adjust the total throw of the solenoid so that there is about 1/16" clearance between the plunger and the shift handle in high gear.

NOTE: If using an aluminum cover on a B&M Pro Stick, a 1/16" to 1/8" may need to be trimmed from the bottom left edge of the cover for a proper fit. The cover for Hurst shifters will not fit when using the SS5 shifter.

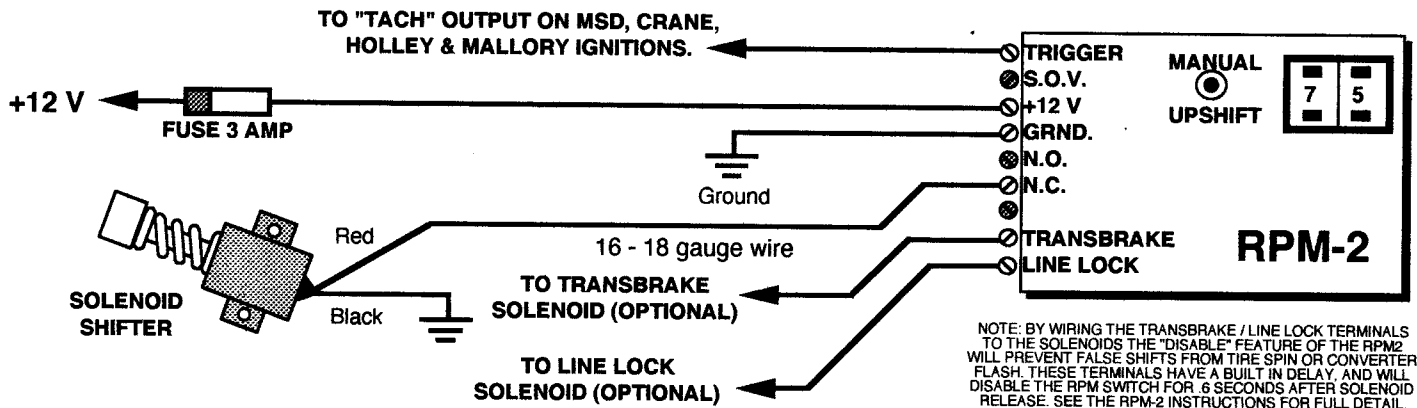


### LIMITED 1 YEAR WARRANTY

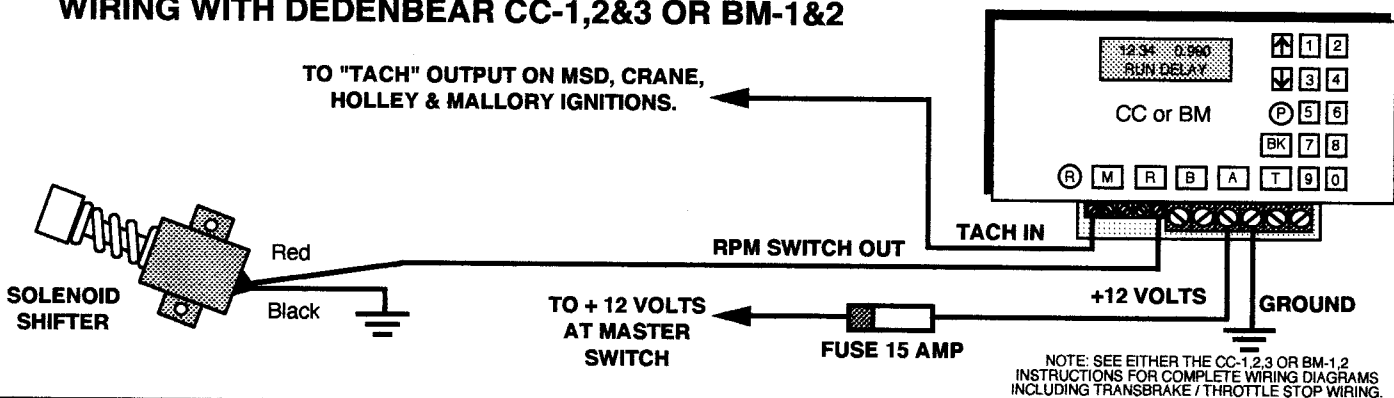
Dedenbear Products components are warranted directly by Dedenbear Products against defective material or workmanship under normal use and service for a period of one (1) year after purchase. Dedenbear Products will repair or replace the defective unit, at Dedenbear Products option, free of charge. This warranty does not cover any damage to the component caused by abuse, mishandling, alteration, accident, electrical current fluctuations, failure to follow installation/operating instructions, maintenance, storage and environmental conditions, or repair attempts made anyone other than Dedenbear Products Authorized Service facility.

DEDENBEAR PRODUCTS SHALL NOT BE LIABLE FOR INJURY, CONSEQUENTIAL, OR OTHER TYPE DAMAGES RESULTING FROM THE USE OF ITS PRODUCTS, OTHER THAN THE LIABILITY STATED ABOVE. This warranty is in lieu of all other warranties of merchantability or fitness of use. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

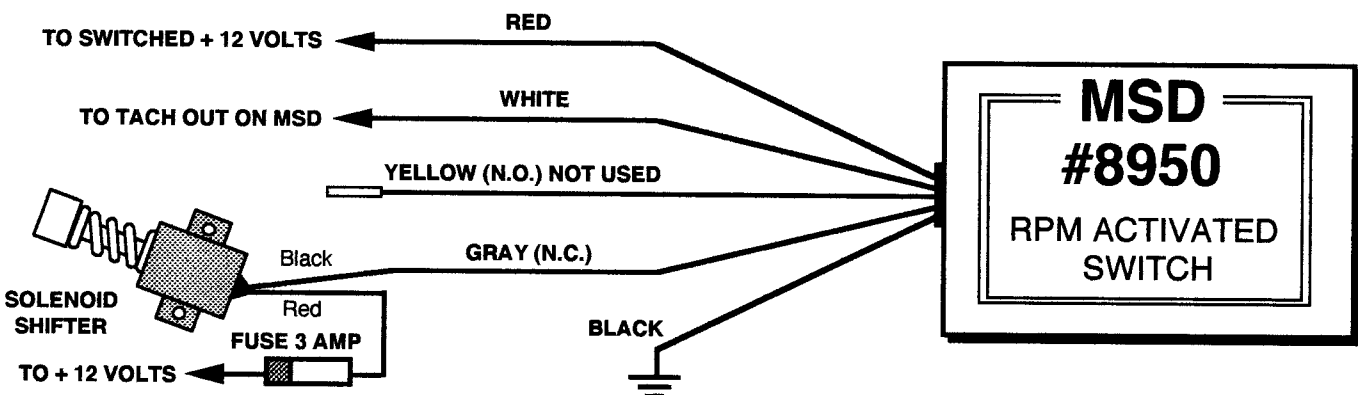
## WIRING WITH DEDENBEAR RPM-2



## WIRING WITH DEDENBEAR CC-1,2&3 OR BM-1&2

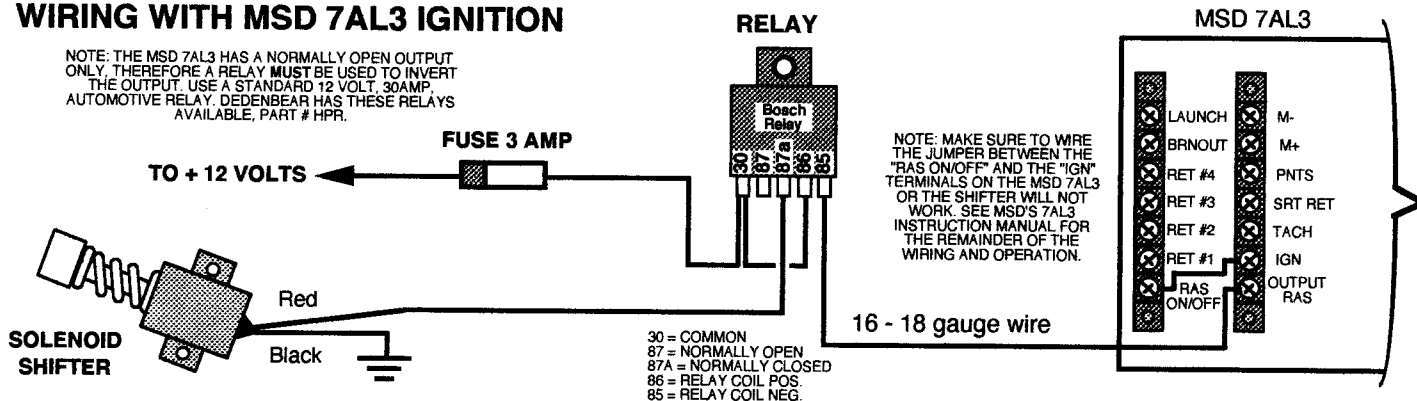


## WIRING WITH MSD RPM SWITCH #8950



## WIRING WITH MSD 7AL3 IGNITION

NOTE: THE MSD 7AL3 HAS A NORMALLY OPEN OUTPUT ONLY, THEREFORE A RELAY MUST BE USED TO INVERT THE OUTPUT. USE A STANDARD 12 VOLT, 30AMP. AUTOMOTIVE RELAY. DEDENBEAR HAS THESE RELAYS AVAILABLE, PART # HPR.



NOTE: IF YOUR DIAGRAM IS NOT SHOWN, CALL (925) 935-3025 FOR TECHNICAL HELP